

## SEM Council Members

### Name:

Asunción de los Ríos

### Council role:

Editor-in-Chief International Microbiology

### Employer or Institute:

Museo Nacional de Ciencias Naturales-CSIC

### Title:

Scientific Researcher

### Main areas of study/work:

Microbial Ecology. Geomicrobiology. Extreme Environments.



### Other information of interests:

Member of the Spanish Network of Extremophile Microorganisms.

Responsible of the Group of Biogeochemistry and Geomicrobiology of MNCN-CSIC.

### Three main or most recent publications:

Garrido-Benavent I, Pérez-Ortega S, Durán J, Ascaso C, Pointing SB, Rodríguez-Cielos R, Navarro F, de los Ríos A. 2020. Differential colonization and succession of microbial communities in rock and soil substrates on a maritime Antarctic glacier forefield. *Frontiers in Microbiology* 11:126. <https://doi.org/10.3389/fmicb.2020.00126>.

Nir I, Barak H, Kramarsky-Winter E, Kushamaro A, de los Ríos A. 2022. Microscopic and biomolecular complementary approaches to characterize bioweathering processes at petroglyph sites from the Negev Desert, Israel. *Environmental Microbiology* 24:967-980. <https://doi.org/10.1111/1462-2920.25635>.

De los Ríos A, Garrido-Benavent I, Limón A, Cason ED, Maggs-Kölling G, Cowan D, Valverde A. 2022 Novel lichen-dominated hypolithic communities in the Namib Desert. *Microbial Ecology* 83:1036-1048. <https://doi.org/10.1007/s00248-021-01812-w>.

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### Keywords:

Biodeterioration. Bioweathering, Biodiversity. Lithobionts. Symbiosis.